

## Waikane Valley Impact Area RI Report







# Waikane Valley Impact Area Progress



#### **Preliminary Assessment**

Initial Assessment Study Range Identification and Preliminary Range Assessment

Site Inspection

Remedial Investigation / Feasibility Study

Proposed Plan and Decision Document

Cleanup (if appropriate)

Site Closeout / Long Term Monitoring

**Draft Planning Documents** 

**Draft Final Planning Documents** 

**Final Planning Documents** 

Field Work (Sampling)

Draft Remedial Investigation Report

Draft Final Remedial Investigation Report

Final Remedial Investigation Report



# Acronyms



- AOC Area of Concern
- RI Remedial Investigation
- MPPEH Material Potentially Presenting an Explosive Hazard
- MEC Munitions and Explosives of Concern
- MEC HA MEC Hazard Assessment
- MC Munitions Constituents
- MD Munitions Debris



# **Topics**



- Field Activities
- Remedial Investigation (RI) Findings
- Risk Assessments
- Recommendations
  - Southern Area
  - Northern Area



#### **Field Activities**

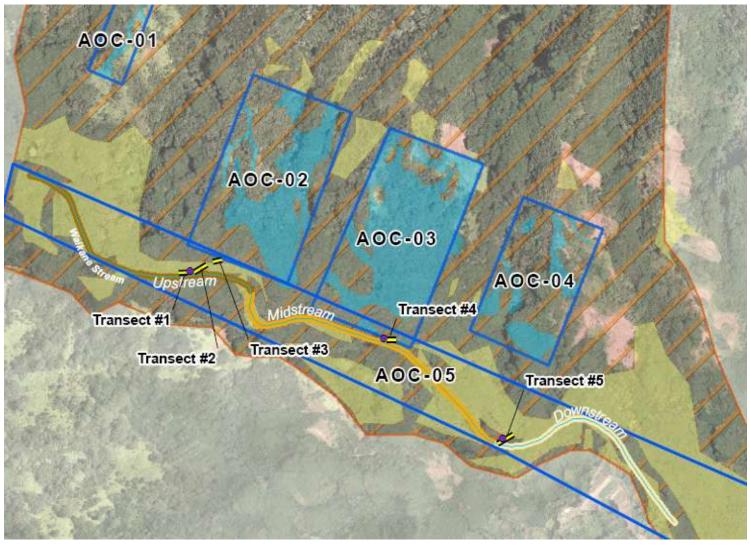


- Accessible areas within target AOCs
  - Surface cleared 11 acres
  - Subsurface clearance of 25 grids
- Accessible areas surveyed
- Areas > 30 degrees identified
- Soil samples in 5 AOCs



## **Clearance Locations**

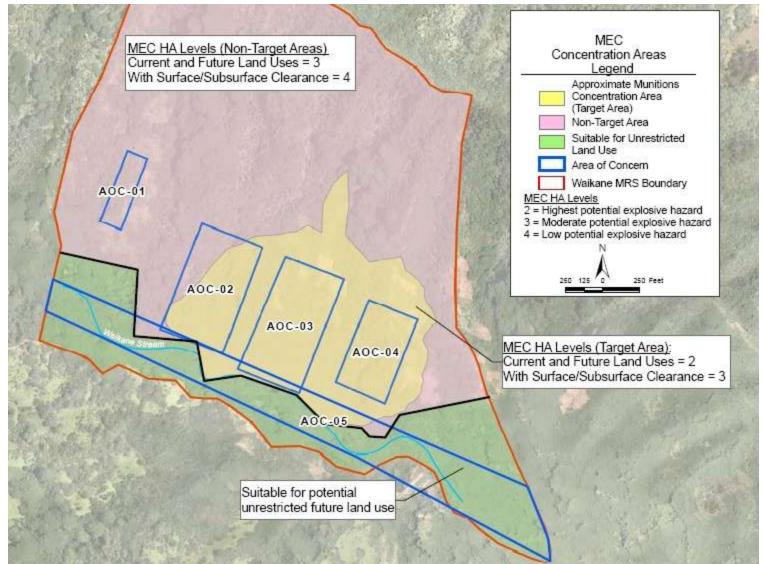






# **MEC Concentration**

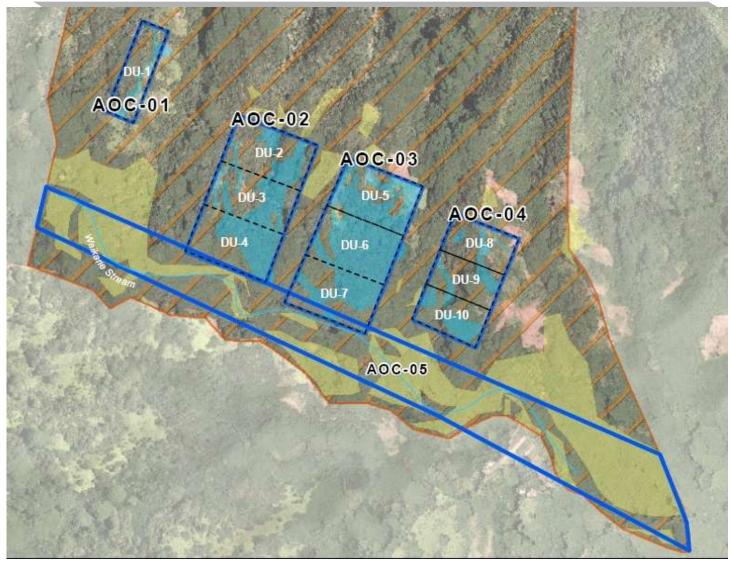






# **Decision Units**

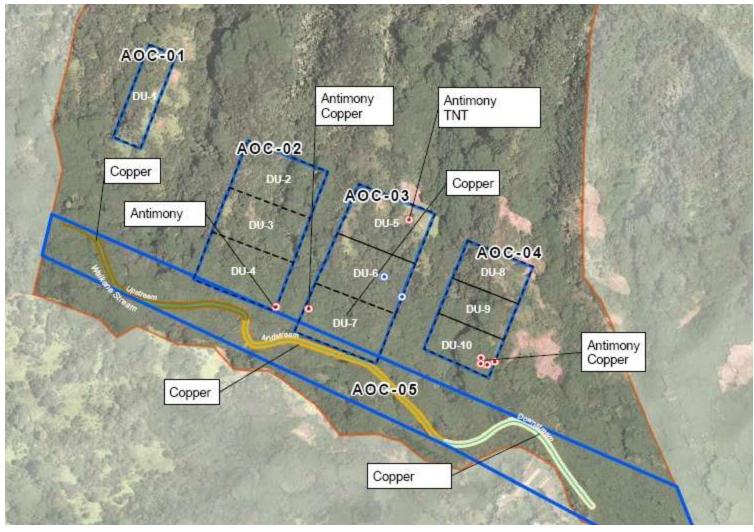






# MC Sampling Results







#### **Risk Assessments**



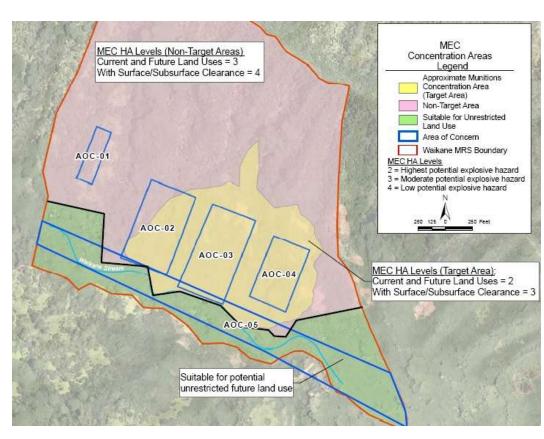
- Human Health No Unacceptable Risk
- Ecological No Adverse Effect
- MEC Hazard Assessment
  - South No MEC Hazard
  - North MEC Hazards



#### **MEC HA Results**



- Target area Yellow
  - No action HL1
  - Land Use Controls –HL2
  - Clearance HL3
- Non-Target area -Green
  - No action or LUC HL3
  - Clearance HL4





### **RI Recommendations**



- South of Waikane Stream (34 acres)
  - No action (unrestricted land use)
  - Land use controls (limitations on use)
- North of Waikane Stream (153 acres)
  - No action
  - LUC
  - Surface Clearance
  - Subsurface Clearance



### Munitions Response Site Prioritization Protocol (MRSPP)



- Framework to prioritize sites throughout the country (35 CFR Part 179)
- MRSPP ranking values 1 (highest priority) to 8 (lowest priority)
- Waikane Valley Impact Area
  - Initially ranked "3" in 2007
  - Remains "3" with new RI results



#### RI Schedule



- Draft RI Report submitted 9 November 2010
- Comments needed (1 Jan 2011)
- Draft Final RI Report (February 2011)
- Comments needed (March 2011)
- Final RI Report (April 2011)

